



Smartbright Waterproof G2

WT066C NW LED45 L1500 PSU TB

Smartbright Waterproof G2, 49 W, 4500 lm, 4000 K, 120°

SmartBright Waterproof G2 is an innovation from SmartBright Waterproof G1, can be used to replace traditional waterproof luminaires with fluorescent lamps or LED tubes, provides quality of light with substantial energy & maintenance savings. The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser), it is an ideal lighting solution for canopy, food industry, parking garages, car washers. Beyond that, SmartBright Waterproof G2 is also maintenance free by seal for life integral design, and reliable 25K hrs lifetime.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 750 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	4,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	Neutral white
Optic type	Symmetrical
Optical cover type	Polycarbonate bowl/cover opal
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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Inrush current	12.5 A	Mech. imp
Inrush time	0.1 ms	Protection
Power Consumption	49 W	
Power Factor (Fraction)	0.9	Initial Pe
Connection	Screw connection block	Luminous
Cable	-	Initial chro
Number of products on MCB of 16 A type	₽ В 45	Power cor
Temperature		Over Tim
Ambient temperature range	-30 to +45 °C	Driver fail
		Median us
Controls and Dimming		Median us
Dimmable	No	Median us
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Applicat
Constant light output	No	Maximum
Mechanical and Housing		Product
Housing Material	Polycarbonate	Order pro
Reflector material	Steel	Full produ
Optic material	Polycarbonate	Full produ
Optical cover material	Polycarbonate	Order cod
Fixation material	Stainless steel	Material N
Housing Color	Gray and white	Numerato
Optical cover finish	Opal	EAN/UPC
Overall length	1,526 mm	Numerato
Overall width	68 mm	EAN/UPC
Overall height	60 mm	
Dimensions (Height x Width x Depth)	60 x 68 x 1526 mm	

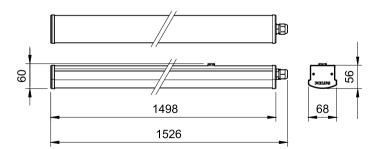
Mech. impact protection code	IK06 [1 J]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.0022 %	
Median useful life L70B50	25,000 hour(s)	
Median useful life L80B50	17,500 hour(s)	
Median useful life L90B50	8,100 hour(s)	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	WT066C NW LED45 L1500 PSU TB	
Full product name	WT066C NW LED45 L1500 PSU TB	
Full product code	871016331176099	
Order code	31176099	
Material Nr. (12NC)	911401823497	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163311760	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8710163312064	

Approval and Application

Ingress protection code

IP65 [Dust penetration-protected, jet-proof]

Dimensional drawing



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